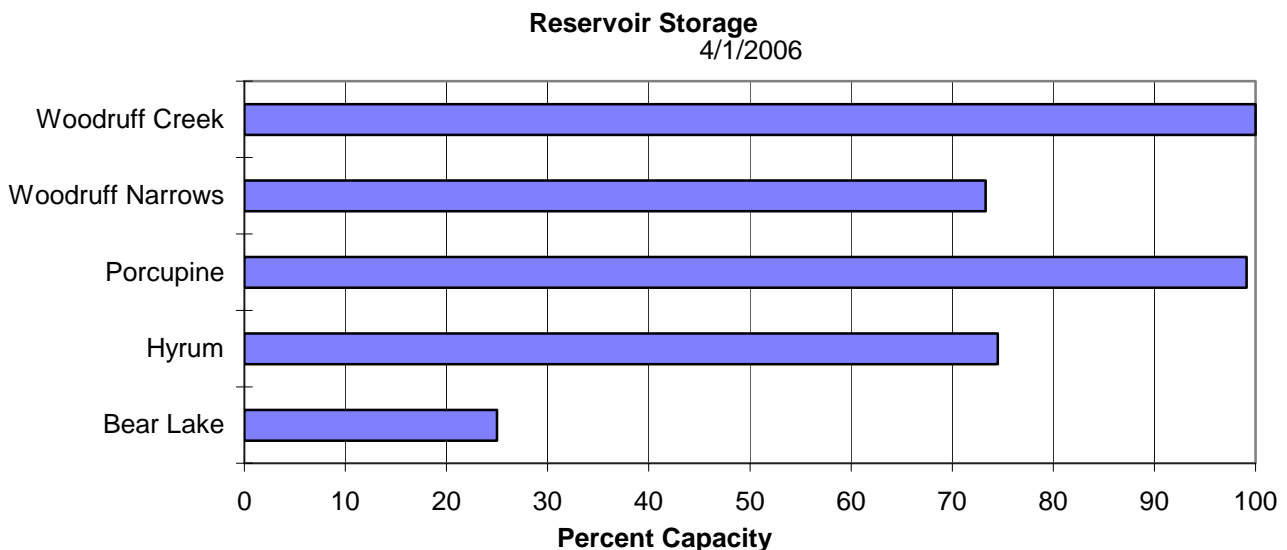
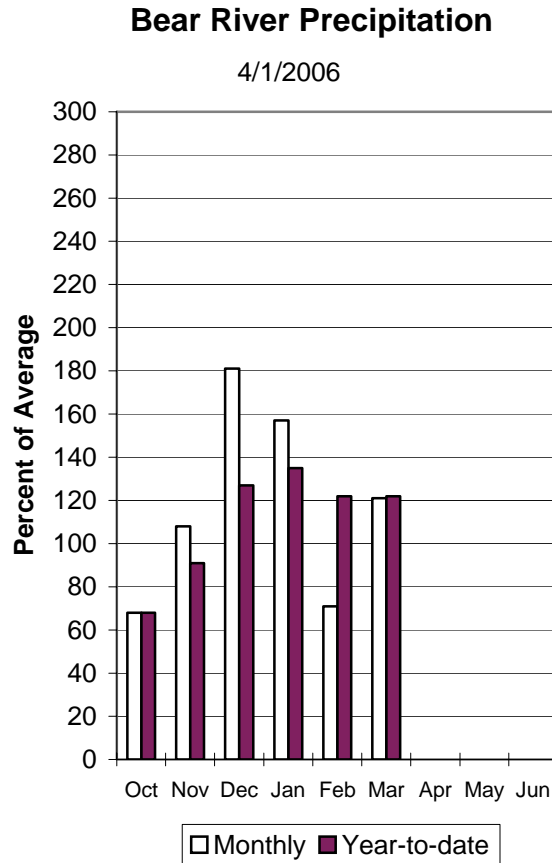
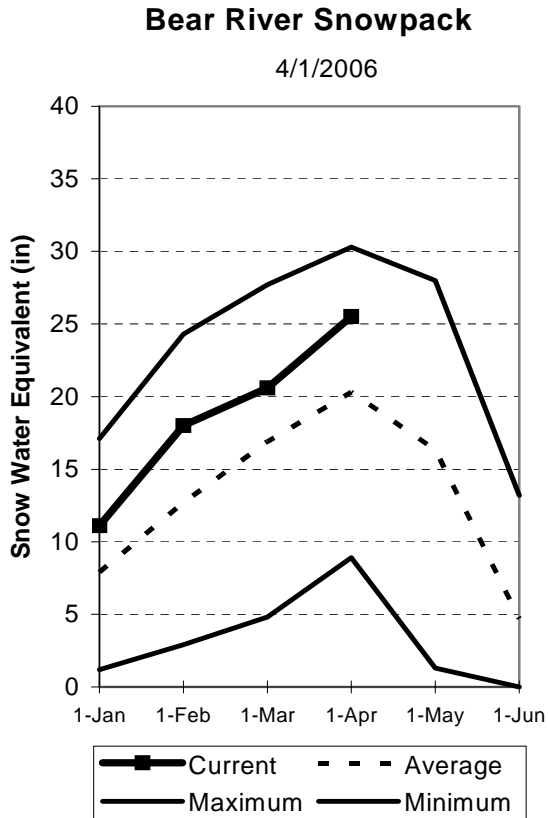


# Bear River Basin

April 1, 2006

Snowpacks on the Bear River Basin are above average at 126% of normal, about 123% of last year and up 5% relative to last month. Specific sites range from 92% to 178% of normal. March precipitation was above average at 121%, which brings the seasonal accumulation (Oct-March) to 122% of average. Soil moisture levels in runoff producing areas are at 61% of saturation in the upper 2 feet of soil compared to 71% last year. Forecast streamflows range from above to much above average (118%-143%) volumes this spring. Reservoir storage is extremely low at 28% of capacity, 22% more than last year. The Surface Water Supply Index is at 21% for the Bear River, or 79% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage but improved significantly over last two years.



BEAR RIVER BASIN  
Streamflow Forecasts - April 1, 2006

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						
		Chance Of Exceeding *					30-Yr Avg.	
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	(1000AF)
Bear River nr UT-WY State Line	APR-JUL	112	126	135	120	144	158	113
Bear River ab Reservoir nr Woodruff	APR-JUL	125	150	167	123	184	209	136
Big Creek nr Randolph	APR-JUL	5.1	6.0	6.6	135	7.2	8.1	4.9
Smiths Fork nr Border	APR-JUL	103	114	122	118	130	141	103
Bear River at Stewart Dam	APR-JUL	211	251	280	120	311	359	234
Little Bear River at Paradise	APR-JUL	48	57	64	139	71	82	46
Logan R Abv State Dam Nr Logan	APR-JUL	149	167	180	143	193	214	126
Blacksmith Fk Abv Up&L Dam Nr Hyrum	APR-JUL	47	59	67	140	76	91	48

BEAR RIVER BASIN Reservoir Storage (1000 AF) - End of March					BEAR RIVER BASIN Watershed Snowpack Analysis - April 1, 2006			
Reservoir	Usable Capacity	*** This Year	Usable Last Year	Storage Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	% of Average
BEAR LAKE	1302.0	325.3	37.0	---	BEAR RIVER, UPPER (abv Ha	6	111	121
HYRUM	15.3	11.4	12.2	12.2	BEAR RIVER, LOWER (blw Ha	8	132	129
PORCUPINE	11.3	11.2	10.0	6.7	LOGAN RIVER	4	127	136
WOODRUFF NARROWS	57.3	42.0	27.5	32.7	RAFT RIVER	1	209	179
WOODRUFF CREEK	4.0	4.0	3.0	---	BEAR RIVER BASIN	14	123	126

\* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.  
(2) - The value is natural volume - actual volume may be affected by upstream water management.